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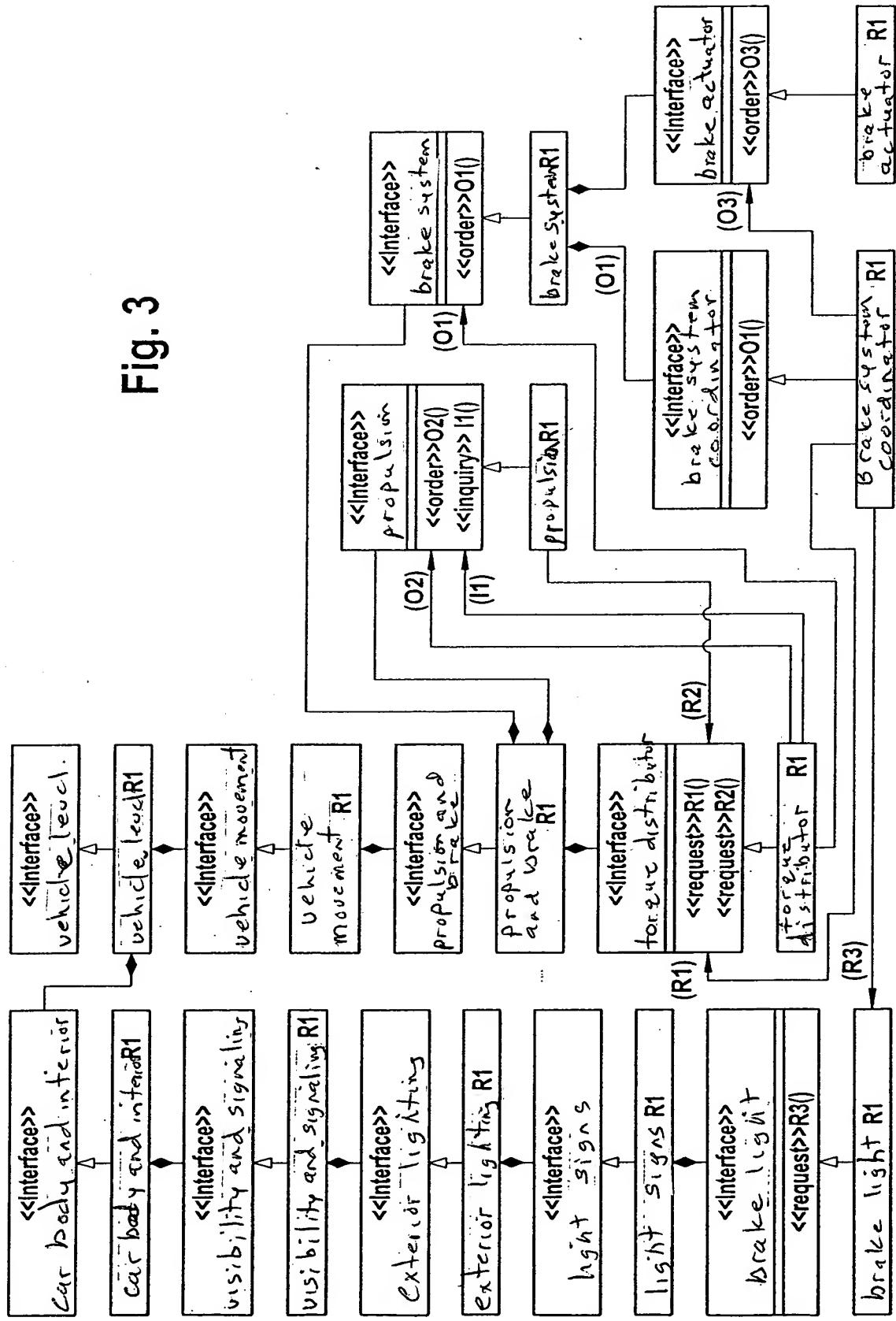
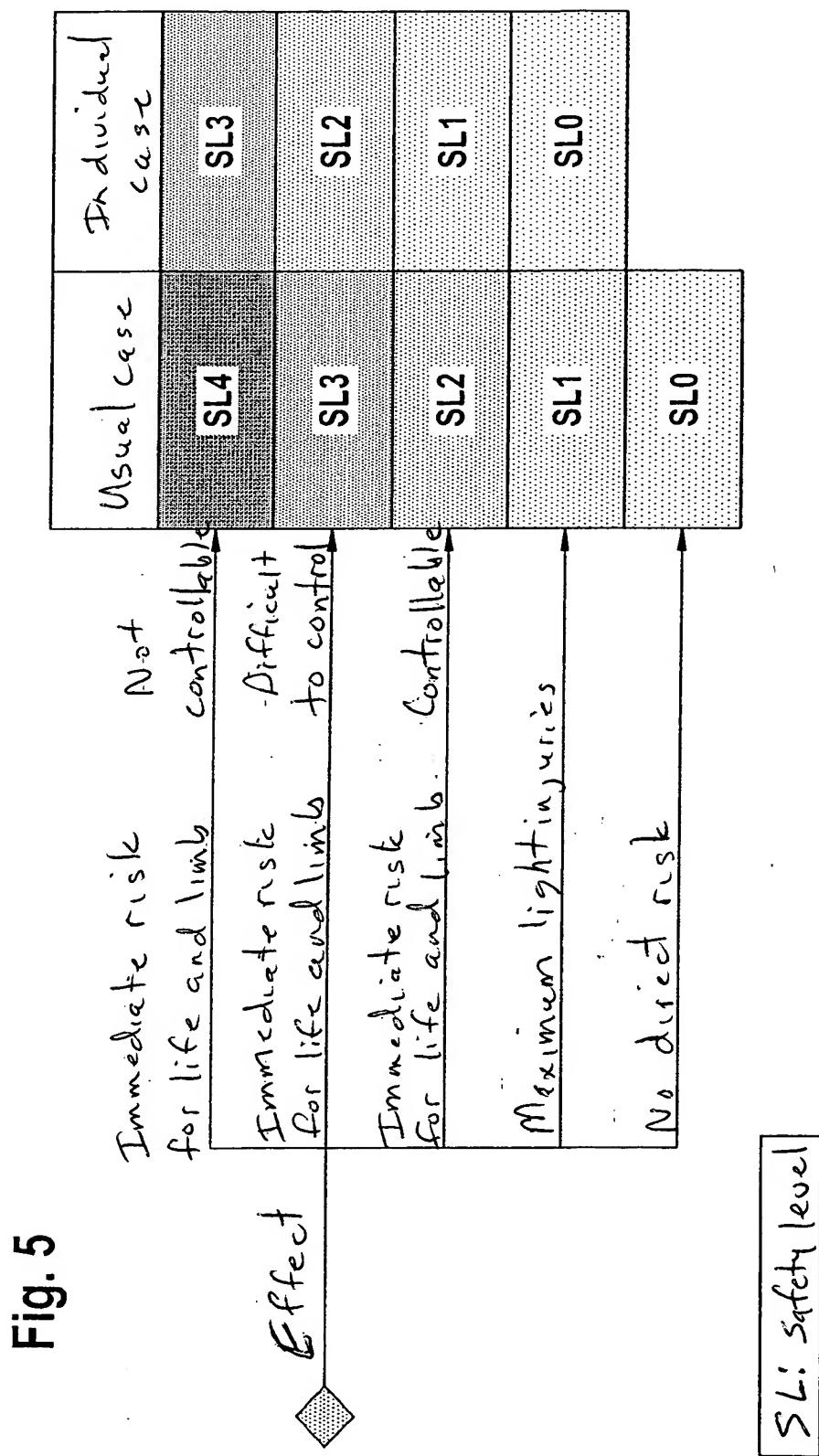


Fig. 4

Acceleration effect		Braking effect		Signaling	
Uncontrolled acceleration	No acceleration	No braking	Too little braking	No display	Continuous display
Too great	Acceleration	Braking effect	Braking effect	display	display
Too weak	acceleration	effect	effect	effect	effect

Global effects →



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Fig. 6

Acceleration effect		Braking effect		Signaling	
uncontrolled acceleration	No	No	Too little braking effect	No display	Continuous display
Acceleration too great	Acceleration too weak	Braking effect	Braking effect		
SL	3	1	1	4	3
Effects				1	1
→ 3901					

The following abbreviations are used for the components:

Fig. 7

Columns C and M in the Functional Structures stand for:

C: Component
M: Message

- fc1 → torque distributor
- fc2 → brake system
- fc21 → brake system controller
- fc22 → brake actuator
- fc3 → propulsion
- fc4 → brake light

SL	Acceleration effect	Braking effect	Signaling	fc1				fc2				fc3				fc4			
				fc21		fc22		fc21		fc22		fc21		fc22		fc21		fc22	
1	No uncontrolled acceleration	No braking effect	No continuous display	C	M	C	M	C	M	C	M	C	M	C	M	C	M		
2	1	4	3	1	1	1	1	R_{R1}	R_{R2}										
				fc1				x R_{R1}	x R_{R2}										
				fc2				x R_{R1}	x R_{R2}										
				fc21				x R_{R1}	x R_{R2}										
				fc22				x R_{R1}	x R_{R2}										
				fc3				x R_{R1}	x R_{R2}										
				fc4				x R_{R1}	x R_{R2}										

Columns C and M in the functional structure stand for:

C: component
M: message

Fig. 8a

The following abbreviations are used for the components:

fc1 → torque distributor fc22 → brake actuator
 fc2 → brake system fc3 → propulsion
 fc21 → brake system controller fc4 → brake light

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Acceleration effect	Brakes effect	Signals	fc1	fc2		fc3	fc4
				fc21	fc22		
No uncontrolled acceleration	No deceleration	No display effect					
SL	2	1	fc1	R_R1 x L1	x 0_01	x 0_02	
			fc2	R_R2 x L1	x 0_01	x 0_02	
			fc21	R_R1 x L1	x 0_01	x 0_02	
			fc22	R_R1 x L1	x 0_01	x 0_02	
			fc3	R_R1 x L1	x 0_01	x 0_02	
			fc4	R_R2 x L1	x 0_01	x 0_02	R_R3

Columns C and M in the functional structure stand for:

C: component

M: message

The following abbreviations are used for the components:

- fc1 → torque distributor
- fc2 → brake actuator
- fc2 → brake system
- fc3 → propulsion
- fc4 → brake system coordinator
- fc4 → brake light

Fig. 8b

SL	Acceleration effect	Braking effect	Signal lines	fc1				fc2				fc3				fc4			
				continuous	display	fc1	fc2	fc1	fc2	fc1	fc2	fc1	fc2	fc1	fc2	fc1	fc2		
1	No uncontrolled acceleration effect	No vertical effect	too little effect	No continuous				R_R1											
2	1	4	3	1	1			R_R2											
3	X	X	X	X	X			I_I1											
4	X	X	X	X	X			R_R2	X										
5	X	X	X	X	X			I_I1											
6								R_R1											
7								R_R2											
8								I_I1											
9								R_R1											
10								R_R2											
11								I_I1											
12								R_R1											
13								R_R2											
14								I_I1											
15								R_R1											
16								R_R2											
17								I_I1											
18								R_R1											
19								R_R2											
20								I_I1											
21								R_R1											
22								R_R2											
23								I_I1											
24								R_R1											
25								R_R2											
26								I_I1											
27								R_R1											
28								R_R2											
29								I_I1											
30								R_R1											
31								R_R2											
32								I_I1											
33								R_R1											
34								R_R2											
35								I_I1											
36								R_R1											
37								R_R2											
38								I_I1											
39								R_R1											
40								R_R2											
41								I_I1											
42								R_R1											
43								R_R2											
44								I_I1											
45								R_R1											
46								R_R2											
47								I_I1											
48								R_R1											
49								R_R2											
50								I_I1											
51								R_R1											
52								R_R2											
53								I_I1											
54								R_R1											
55								R_R2											
56								I_I1											
57								R_R1											
58								R_R2											
59								I_I1											
60								R_R1											
61								R_R2											
62								I_I1											
63								R_R1											
64								R_R2											
65								I_I1											
66								R_R1											
67								R_R2											
68								I_I1											
69								R_R1											
70								R_R2											
71								I_I1											
72								R_R1											
73								R_R2											
74								I_I1											
75								R_R1											
76								R_R2											
77								I_I1											
78								R_R1											
79								R_R2											
80								I_I1											
81								R_R1											
82								R_R2											
83								I_I1											
84								R_R1											
85								R_R2											
86								I_I1											
87								R_R1											
88								R_R2											
89								I_I1											
90								R_R1											
91								R_R2											
92								I_I1											
93								R_R1											
94								R_R2											
95								I_I1											
96								R_R1											
97								R_R2											
98								I_I1											
99								R_R1											
100								R_R2											
101								I_I1											
102								R_R1											
103								R_R2											
104								I_I1											
105								R_R1											
106								R_R2											
107								I_I1											
108								R_R1											
109								R_R2											
110								I_I1											
111								R_R1											
112								R_R2											
113								I_I1											
114								R_R1											
115								R_R2											
116								I_I1											
117								R_R1											
118								R_R2											
119								I_I1											
120								R_R1											
121								R_R2											
122								I_I1											
123								R_R1											
124								R_R2											
125								I_I1											
126								R_R1											
127								R_R2											
128								I_I1											
129								R_R1											
130								R_R2											
131								I_I1											
132								R_R1											
133								R_R2											
134								I_I1											
135								R_R1											
136								R_R2											
137								I_I1											
138								R_R1											
139								R_R2											
140								I_I1											
141								R_R1					</						

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- fc3 → propulsion
- fc4 → brake light

Columns C and M in the functional structure stand for:

C: component
M: message

Fig. 8c

Acceleration effect		Braking effect		Signalling		SL		fc1		fc2		fc3		fc4	
SL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
No acceleration effect	No braking effect	No acceleration effect	Too little effect	No display	Continuous display	SL	SL	fc1	fc1	fc2	fc2	fc3	fc3	fc4	fc4
SL	1	2	3	4	5	6	7	C	M	C	M	M	M	C	M
	X	X	X	X	X	X	X	X	R_R1	R_R2	I_1	X	0_01	X	0_02
	X	X	X	X	X	X	X	X	X	R_R1	I_1	X	0_01	X	0_02
	X	X	X	X	X	X	X	X	X	R_R2	I_1	X	0_01	X	0_02
								fc21	R_R1	R_R2	I_1	X	0_01	X	0_02
								fc22	R_R1	R_R2	I_1	X	0_01	X	0_02
								fc3	R_R1	R_R2	I_1	X	0_01	X	0_02
								fc4	R_R1	R_R2	I_1	X	0_01	X	0_02

The following abbreviations are used:

Fig. 8d

Columns C and M in the function table

- fc1 → torque distributor fc22 → brake actuator
- fc2 → brake system fc3 → propulsion
- fc21 → brake system coordinator fc4 → brake light

Component message

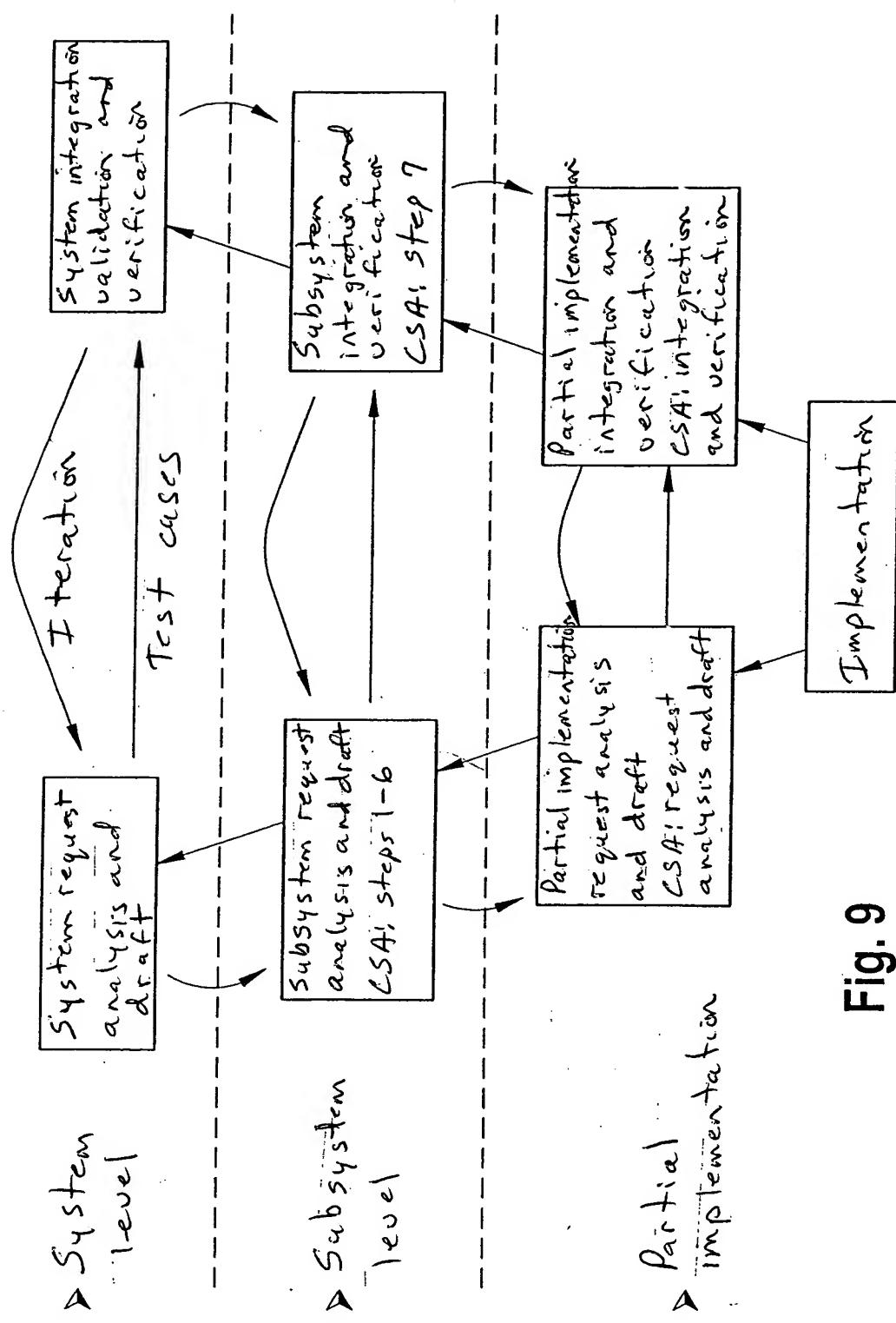


Fig. 9